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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Naganori Numao

Serial No.: 09/899,030



Art Unit: To be assigned

Filed: July 6, 2001

: Examiner: To be assigned

For: PREDICTION OF  
UNKNOWN BIOLOGICAL  
FUNCTION OF THE ACTIVE  
SITE IN PROTEINS OR/AND  
POLYNUCLEOTIDES, AND  
ITS UTILIZATION

: Atty Docket: 21776/0061

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to initial examination, please amend the above-captioned case as follows.

**IN THE SPECIFICATION:**

Page 8, second paragraph:

a total nucleotide sequence frequency spectrum obtained by giving EIIP index values to the nucleotide residues of a nucleotide sequence region academically (J.C. Lacey, Chemtracts Biochem. Mol. Biol., 12, 398-418 (1999); V. Kunin, Orig. Life Evol. Biosphere 30, 459-466 (2000)) corresponding to the above amino acid sequence and subjecting the resulting EIIP sequence to DFT; and

Page 25, second paragraph:

Furthermore, on gamma interferon (R. Wetzel et al., Protein Eng., 3, 611-623 (1990)) wherein the protein whose C-terminal region of the amino acid sequence is